Abstract

Process for the preparation of alkylated N- or amino, ammonium or spirobicyclic ammonium group-containing, crosslinked polymer gels, which is characterized in that

a) in the crosslinkage step an aqueous solution of a polymer obtained by polymerization of the corresponding monomer is adjusted to a pH of 7.5-14 at a temperature of 0 to 90°C, then the appropriate crosslinking agent is metered in and precrosslinkage is carried out with stirring and the precrosslinked polymer is transferred for complete curing to a curing container, whereupon

b) the cured crude gel is cut into a defined shape, then

c) washed with methanol batchwise in a static or stirred bed and directly following this

d) in methanol, the alkylation is carried out, after which the alkylated gel

e) is first washed batchwise by means of methanol/NaCl washes in a static or stirred bed or continuously, then

f) batchwise by means of NaCl washes and final water washes with deionized water in a static or stirred bed or continuously and also a process for the preparation of the alkylators used in sted d).